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(74) Agents: ALEXANDER, Lisa, E. et al.; Chiron Corporation, Intellectual Property Department, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

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(71) Applicant (*for all designated States except US*): **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **LONG, Li** [CA/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **LUQMAN, Mohammad** [US/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **YABANNAVAR, Asha** [US/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **ZAROR, Isabel** [US/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

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(54) Title: USE OF ANTAGONIST ANTI-CD40 ANTIBODIES FOR TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASES AND ORGAN TRANSPLANT REJECTION

(57) Abstract: Methods of therapy for treating a subject for an autoimmune disease and/or inflammatory disease are provided. The methods comprise administering a therapeutically effective amount of an antagonist anti-CD40 antibody or antigen-binding fragment thereof to a patient in need thereof. The antagonist anti-CD40 antibody or antigen-binding fragment thereof is free of significant agonist activity, but exhibits antagonist activity when the antibody binds a CD40 antigen on a human CD40-expressing cell. Antagonist activity of the anti-CD40 antibody or antigen-binding fragment thereof beneficially inhibits CD40L-mediated stimulation of CD40-expressing cells, and thus inhibits survival and signaling pathways of human CD40-expressing cells that are mediated by CD40L.



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